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| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
|--|-------------|-----------------------|---------------------|--|
| 10/536,952 | 05/31/2005 | David Andrew Faulkner | 05-453 | 1015 |
| 20306 | 7590 | 01/29/2009 | | EXAMINER |
| MCDONNELL BOEHNEN HULBERT & BERGHOFF LLP 300 S. WACKER DRIVE 32ND FLOOR CHICAGO, IL 60606 | | | VILLECCO, JOHN M | |
| | | | ART UNIT | PAPER NUMBER |
| | | | 2622 | |
| | | | | MAIL DATE DELIVERY MODE |
| | | | | 01/29/2009 PAPER |

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

| | | |
|------------------------------|--------------------------------------|--|
| Office Action Summary | Application No. 10/536,952 | Applicant(s) FAULKNER ET AL. |
| | Examiner JOHN M. VILLECCO | Art Unit 2622 |

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) Responsive to communication(s) filed on 29 October 2008.
- 2a) This action is **FINAL**. 2b) This action is non-final.
- 3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) Claim(s) 1,3-19,21 and 22 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) Claim(s) 22 is/are allowed.
- 6) Claim(s) 1,3-19 and 21 is/are rejected.
- 7) Claim(s) 3 and 7 is/are objected to.
- 8) Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) The specification is objected to by the Examiner.
- 10) The drawing(s) filed on 31 May 2005 is/are: a) accepted or b) objected to by the Examiner.
 Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
 Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) All b) Some * c) None of:
 1. Certified copies of the priority documents have been received.
 2. Certified copies of the priority documents have been received in Application No. _____.
 3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

| | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) Paper No(s)/Mail Date. _____ . |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08) Paper No(s)/Mail Date _____ . | 6) <input type="checkbox"/> Other: _____ . |

DETAILED ACTION

1. The prosecution of this application has been transferred to Examiner John Villecco from the docket of Examiner Wanda Negron. Any inquiry concerning this Office Action or earlier communications should be directed to the current Examiner of record. Current contact information is provided in the last section of this communication.

Response to Arguments

2. Applicant's arguments with respect to claims 1, 3-19, and 21 have been considered but are moot in view of the new ground(s) of rejection.

3. In particular, applicant has added the limitation of "the estimation of the GMO value being calculated independently to that of the estimation of each LMO value". This newly added limitation to the claim introduces a 112, 2nd paragraph rejection.

Claim Objections

4. Claims 3 and 7 are objected to because of the following informalities:

- Claims 3 and 7 are dependent upon a cancelled claim (claim 2). For examination purposes it will be assumed that claims 3 and 7 are dependent upon claim 1.

Appropriate correction is required.

Claim Rejections - 35 USC § 112

5. The following is a quotation of the second paragraph of 35 U.S.C. 112:

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The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

6. Claims 1, 3-19, and 21 are rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.

7. More specifically, applicant has amended each of claims 1, 19, and 21 to include the limitations of previously pending claim 2. Furthermore, applicant has tried to make the distinction between the prior art reference (Egusa et al., U.S. Patent No. 5,237,405) by adding the limitation of "the estimation of the GMO value being calculated independently to that of the estimation of each LMO value". Webster's II New Riverside University Dictionary defines "independent" to mean "not influenced or determined by someone or something else". It is clear from the claim language and the specification that the estimation of the GMO value is dependent upon the estimation of the LMO values. In fact, the limitation immediately before this limitation, which recites "and if the, or each, LMO is greater than a given threshold, setting area(s) of the mask that correspond to this local region or regions to indicate omission from the GMO estimation", shows that the GMO estimation is indeed dependent upon the estimation of the LMO values. The fact that the estimated LMO value is not directly included in the calculation of the GMO (which is the difference between Egusa and the applicant's invention that the applicant is trying to highlight) is irrelevant, since the applicant's claim language is so broad. Further proof that the estimation of the GMO value is dependent upon the LMO value can be found in the specification on pages 10, 14, and 15, which describe how the LMO values determine which areas of the image are to be used in the GMO calculation. Therefore, it is the reasoned opinion by the Examiner that the limitation of "the estimation of the GMO value being

calculated independently to that of the estimation of each LMO value” would not enable one of ordinary skill in the art to interpret the metes and bounds of the claims. See MPEP 2173.

8. Claims 3-18 are rejected based on their dependency to claim 1.

Allowable Subject Matter

9. Claim 22 is allowed.

10. The following is an examiner’s statement of reasons for allowance:

The primary reason for allowance is that the prior art fails to teach or reasonably suggest a video stabilization system wherein the system is arranged to adjust the border size on at least one edge of the image n such that it also covers an area on image n corresponding to blank space present on one or more previous images.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled “Comments on Statement of Reasons for Allowance.”

11. Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO

MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to JOHN M. VILLECCO whose telephone number is (571)272-7319. The examiner can normally be reached on Monday-Friday.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Sinh Tran can be reached on (571) 272-7564. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/JOHN M. VILLECCO/

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Primary Examiner, Art Unit 2622

January 27, 2009